

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo, TX

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

February

2013

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

March 19, 2013

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

During February, drought conditions intensified across the San Angelo hydrologic service area (HSA). Generally, the weather pattern favored dry conditions over the region during the month. A few scattered rainfall events (6th, 9th, 12th, 20th-21st, 24th-25th) brought brief short-term relief over portions of the HSA.

The San Angelo Regional Airport reported 0.39 of an inch of precipitation during February, which was 0.96 of an inch below normal for the month. The monthly normal rainfall for San Angelo in February is 1.35 inches.

The Abilene Regional Airport received 0.58 of an inch of precipitation during February, which was 0.78 of an inch below normal for the month. The monthly normal rainfall for Abilene in February is 1.35 inches.

Junction received 0.08 of an inch of precipitation during February. The estimated average monthly rainfall in February is 1.43 inches.

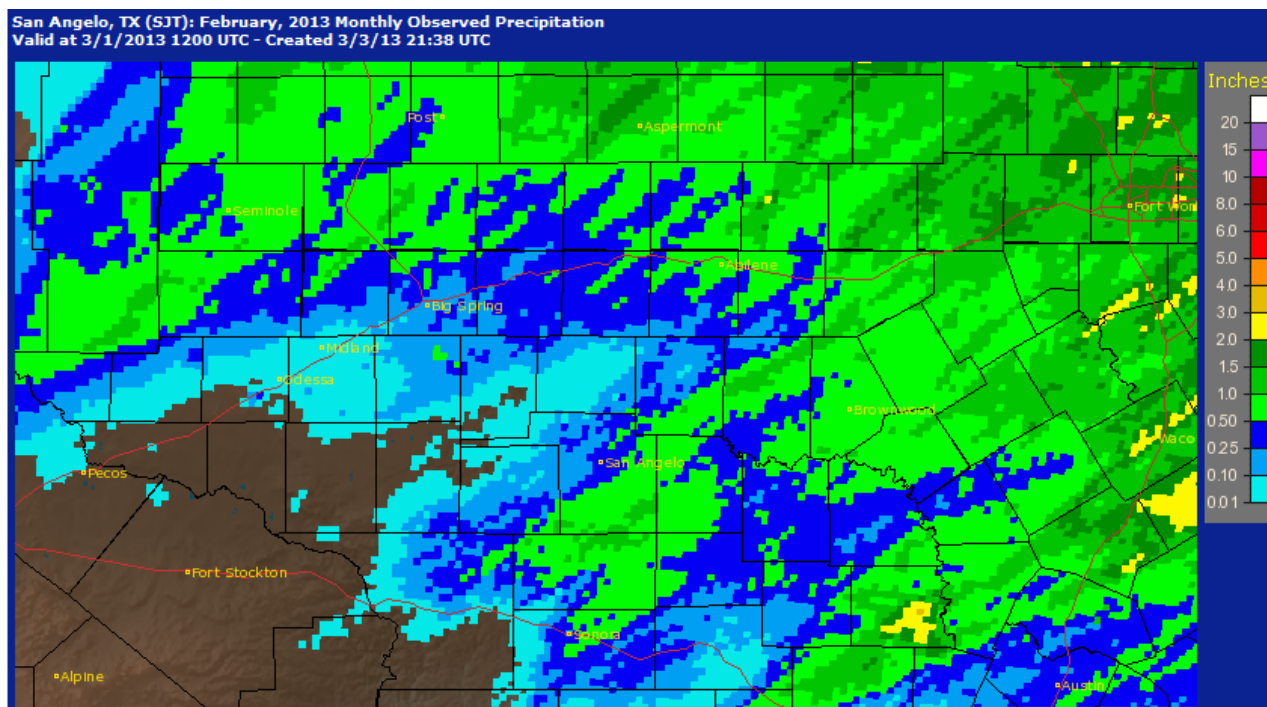
Hydro Products Issued

ESF = 2 (Probabilistic Forecasts)

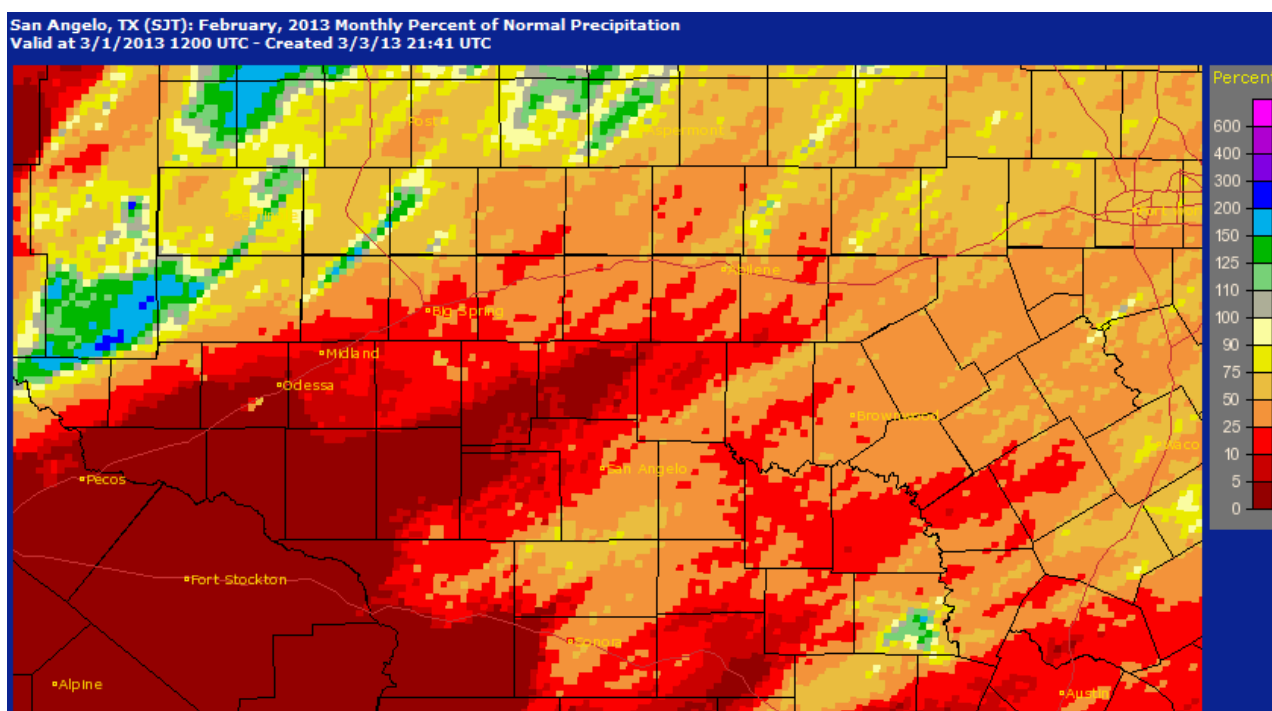
The NWS precipitation analysis can be viewed at <http://water.weather.gov/>.

The total monthly precipitation estimate and percent of normal precipitation for February across the San Angelo HSA is depicted below.

February 2013, Observed Precipitation

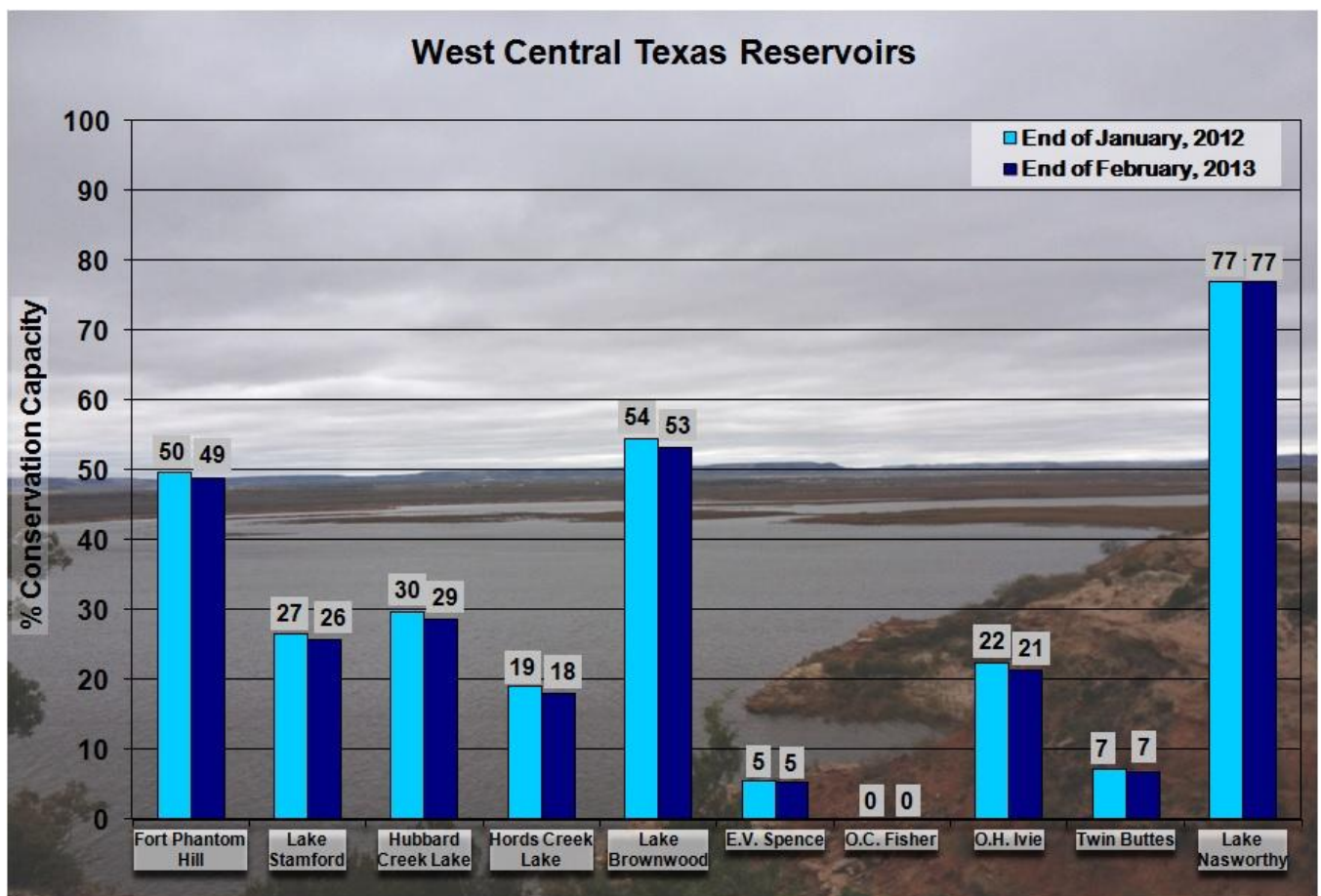


February 2013, Percent of Normal Precipitation

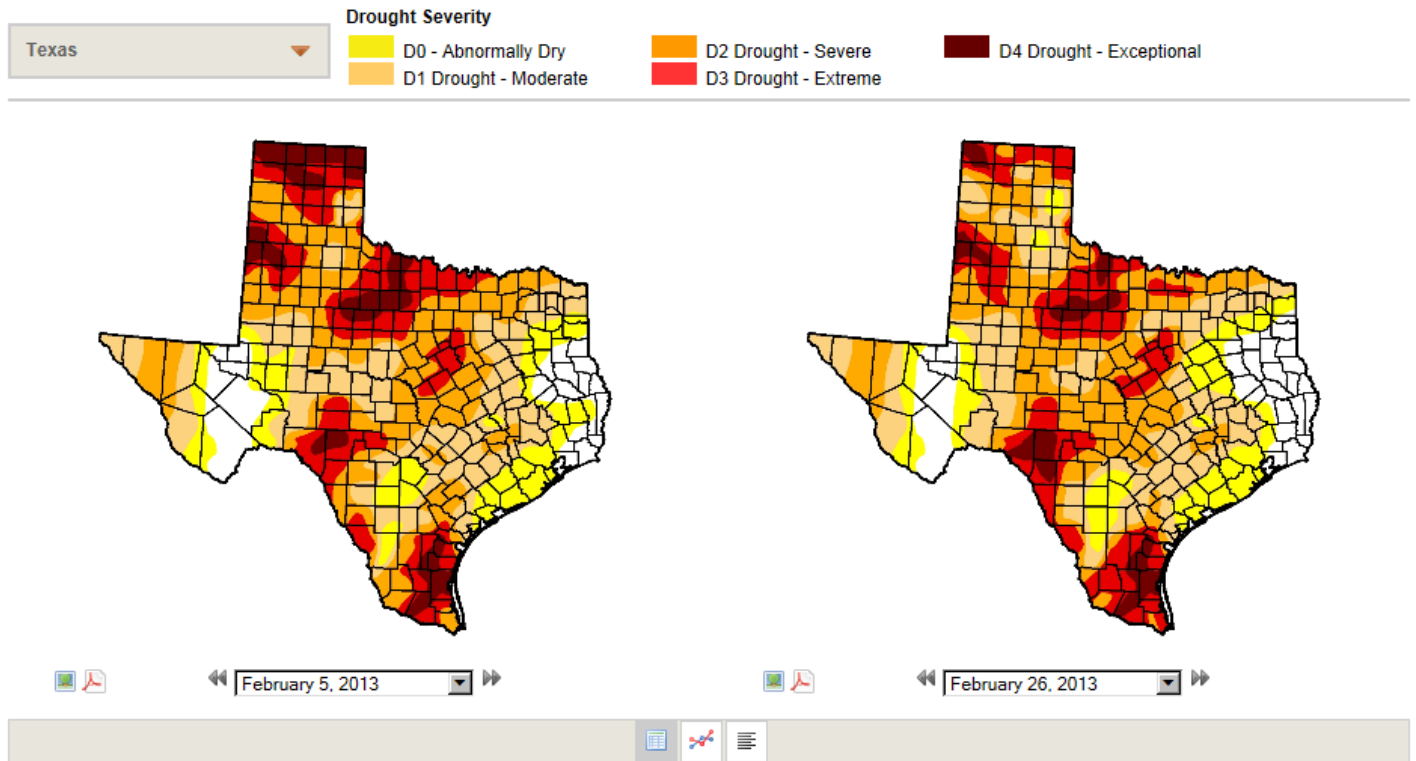


Reservoir Conditions (end of February, 2013)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	34,280	49
Lake Stamford	52,700	13,260	26
Hubbard Creek Lake	317,800	91,320	29
Hords Creek Lake	8,800	1,230	18
Lake Brownwood	131,428	70,050	53
E.V. Spence	488,760	27,210	5
O.C. Fisher	119,200	0	0
O.H. Ivie	554,340	118,930	21
Twin Buttes	177,800	12,120	7



The U.S. Drought Monitor depicted severe to exceptional drought conditions across most of the San Angelo HSA.



Week	Nothing	D0-D4	D1-D4	D2-D4	D3-D4	D4
February 5, 2013	9.52	90.48	77.26	52.64	23.72	7.79
February 26, 2013	11.29	88.71	75.11	49.85	22.02	5.17